

For more information contact:

Kirk Weber at 201-460-8384
or via e-mail at Kirk.Weber@njmeadowlands.gov

Fee:

Program fee is \$5.00 per child. There is no cost to leaders or chaperones. At least one adult for every 6 scouts is required. Reservations must be made at least 2 weeks in advance.

To make a reservation contact:

Anita Panecki at 201-460-4879

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2004/2005

**CUB
SCOUT
PROGRAMS**



**A NEW JERSEY
MEADOWLANDS COMMISSION
FACILITY**

**OPERATED BY
RAMAPO COLLEGE OF NEW JERSEY**

Two DeKorte Park Plaza
Lyndhurst, NJ 07071
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CUB SCOUT PROGRAMS

Title: Naturalist I

Addresses requirements for: *Tiger Cubs achievements*

Duration: One 90-minute session

Overview: This program teaches the skills needed to become a successful naturalist. Each participant will help create his own Naturalist Field Journal he'll then use to record observations made on an interpretive nature hike. The journal will contain rudimentary information on flora and fauna intended to help the cubs begin to read the many signs that serve as evidence of the goings-on in the natural world.

Activities:

- 🌿 Take a short interpretive nature hike.
- 🌿 Make a Field Journal containing pictures of plants and animals.
- 🌿 Learn to identify animal prints and how to use them to track animals.

Title: Naturalist II

Duration: Two 90-minute sessions

Addresses requirements for: *Webelos Naturalist Badge and World Conservation Award for Webelos*

Overview: This program picks up where Naturalist I leaves off. Going beyond simple observations, participants will begin to understand what defines an ecosystem and what makes it function. They will also begin to explore biological taxonomy, using both live insects and preserved specimens.

Activities:

- 🌿 Categorize insects into major orders using pictures and/or preserved specimens.
- 🌿 Learn about producers, consumers, and decomposers by playing a food chain game.
- 🌿 Visit the Discovery Station Museum using study guides.
- 🌿 Take a short insect hunt hike to find and study a variety of insects.
- 🌿 Take a short hike using a field guide and record observations of the animals you see.

Title: Birds I

Addresses requirements for: *Wolf electives and World Conservation Award*

Duration: Two 90-minute sessions

Overview: This program is intended to give an overview of the avian life cycle, from life in an egg to adulthood. After learning about the adaptations that separate birds from other animals, participants will examine what makes certain species especially unique. The course will end with a birding primer that will cover the basics of bird watching, from equipment used to body features of birds that are keyed in on for accurate identification.

Activities:

- 🌿 Stuff an onion bag with nesting materials and take it home for the birds in your yard to use.
- 🌿 View nests constructed by various bird species and discuss methods and materials used.
- 🌿 Take a brief hike to look for birds and hide out in a bird blind.
- 🌿 Use a checklist of birds to record sightings of different birds.
- 🌿 View birdhouses on site and discuss how the design specifications are unique to each species they're built for.
- 🌿 Observe seed feeders and identify species feeding there.
- 🌿 Construct a simple birdfeeder to take home and hang in your yard.
- 🌿 Read a short book about birds and share at least three things you learned from it.

Title: Birds II

Addresses requirements for: *Bear achievement, electives and World Conservation Award for Bear*

Duration: One 90-minute session

Overview: Whereas Birds I speaks to the generalities of a bird's life, this program focuses on a single aspect of the avian life cycle, migration, and the role the Meadowlands play in it. Birds II will include a seasonally appropriate discussion of the transient bird species that historically visit the Meadowlands and several hands-on activities to allow participants to interact more closely with birds.

Activities:

- 🌿 Construct a birdhouse or feeder.
- 🌿 Build a bird caller then take a birding hike to test it.
- 🌿 Watch a short video about the birds that visit the Meadowlands.

🌿 Read a short book about birds and make a poster illustrating what you have learned.

🌿 Map out the migration of common transient bird species that visit the Meadowlands.

Title: Water and Weather

Duration: Two 90-minute sessions

Addresses requirements for: *Bear achievements and World Conservation Award for Bear*

Overview: In this program, participants will investigate the properties of water and how these determine the changes water undergoes as it cycles through the environment. Basic meteorological instruments will be used to measure aspects of water including temperature and volume.

Activities:

- 🌿 Make a weather field guide that can be used to predict the weather.
- 🌿 Make a weather chart to be used at home to record daily measurements of temperature, wind direction, and precipitation.
- 🌿 Receive instruction on using a thermometer then measure the air temperature.
- 🌿 Learn to read a rain gauge and make one for home use.
- 🌿 Learn what a hygrometer is and use it to measure the relative humidity.

Title: What's in Water?

Duration: One 90-minute session

Addresses requirements for: *Bear electives and World Conservation Award for Bear*

Overview: Participants will explore the water column and learn about the organisms occupying the different levels within it.

Activities:

- 🌿 Build a water scope and use it to observe different aquatic organisms.
- 🌿 Use dip nets to catch organisms observed with your water scope then use a magnifying lens to look at the details of your captured specimens.
- 🌿 Help to place a plankton net and return later to collect your specimens.
- 🌿 Use a microscope to view the plankton gathered.